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PATENT

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(NE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Remacle, et al.

Appl. No. : 09/574,626

Filed : May 19, 2000

For : METHOD FOR THE IDENTIFICATION
AND/OR QUANTIFICATION OF A
TARGET COMPOUND OBTAINED
FROM A BIOLOGICAL SAMPLE
UPON CHIPS

Examiner : Zhou, S.

Group Art Unit 1631

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AMENDMENT AFTER FINAL

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

In response to the Final Office Action dated June 5, 2002 (Paper No. 15), please consider and enter in the above-captioned application the following amendments:

IN THE CLAIMS:

Please amend claims 1, 2, 4, 5, 14 and 28 as follows:

1. **(Amended Four Times)** A method for the identification and/or the quantification of a target compound obtained from a sample, comprising the steps of:

putting into contact the target compound with a capture molecule in order to allow a specific binding between said target compound with a capture molecule, said capture molecule being fixed upon a surface of a solid support according to an array comprising a density of at least 20 discrete regions per cm², each of said discrete regions being fixed with one species of capture molecules;

performing a catalytic reduction of a metal present in solution leading to formation of a metallic precipitate in one or more discrete regions;

determining the possible presence of precipitate(s) in discrete region(s); and correlating the presence of the precipitate(s) at the discrete region(s) with the identification and/or a quantification of said target compound.